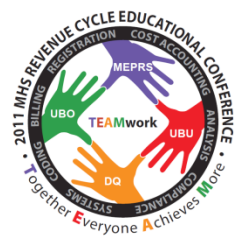


Title: **ICD-10-PCS I - An Overview**

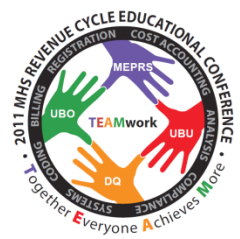
Session: **T-5-1430**



# Objectives

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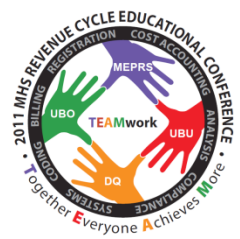
- Find out that assigning procedure classification codes is a piece of cake
- Find out that there actually can be logic for inpatient procedures
- Find out for yourself what GZGZZZZ means
- Be EXPOSED to the terminology, but by no means learn it right now – just get the idea



# ICD-10-PCS

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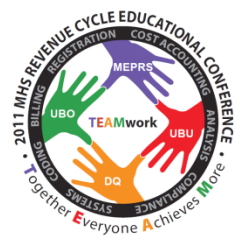
- ICD-10-Procedure Classification System
- Developed by 3M Health Information Systems under contract to CMS
- Intended to replace ICD-9-CM **Volume 3** for reporting inpatient procedures
  - Not used in other countries with ICD-10
- Updated annually



# Why

- More detailed – laterality
- Expandable – can add completely new types of procedures as well as detail
- Completeness – All significantly different procedures have specific codes
- Each character of a code has “intelligence”
  - Each character in a specific position means something - **Multiaxial**
  - Each character has the same meaning within a section and across sections to the extent possible
- Standardized Terminology – Single meaning for each term used in the system

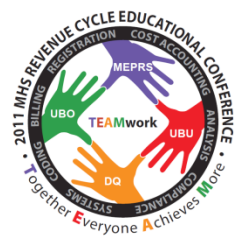




# General Principles

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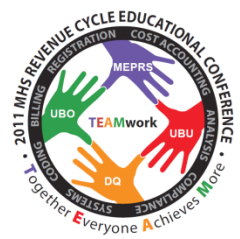
- Diagnosis is not included in the procedure description – herniorrhaphy (surgical repair of a hernia) is just “See repair, anatomical region 0YQ”
- A “not elsewhere classified” option is allowed for new devices and substances
  - Also for when you just can’t get more information



# General Principles - Level of Specificity

---

- 7 characters
  - Up to 34 possible values
    - 0-9, A-H, J-N, P-Z, the letters O and I are not used
- 1st character is the “Section”
- 2nd – 7th characters the same within a section, but may have a different meaning outside of the section

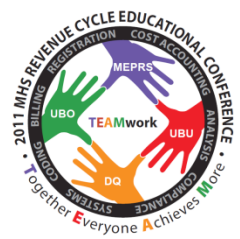


# General Principles - Not Otherwise Specified

- A general body part, approach, or root operation can be used when data necessary to be more specific are not documented

Section	0 Medical and Surgical		
Body System	D Gastrointestinal System		
Operation	1 Bypass: Altering the route of passage of the contents of a tubular body part		
Body Part	Approach	Device	Qualifier
1 Esophagus, Upper 2 Esophagus, Middle 3 Esophagus, Lower 5 Esophagus	0 Open 4 Percutaneous Endoscopic 8 Via Natural or Artificial Opening Endoscopic	7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute Z No Device	4 Cutaneous 6 Stomach 9 Duodenum A Jejunum B Ileum
1 Esophagus, Upper 2 Esophagus, Middle 3 Esophagus, Lower 5 Esophagus	3 Percutaneous	J Synthetic Substitute	4 Cutaneous
6 Stomach 9 Duodenum	0 Open 4 Percutaneous Endoscopic 8 Via Natural or Artificial Opening Endoscopic	7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute Z No Device	4 Cutaneous 9 Duodenum A Jejunum B Ileum L Transverse Colon

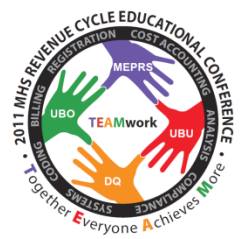
Body Part – for example you can use “esophagus” if you do not have a more specific location



# Things Not Included

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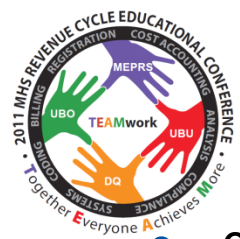
- Laboratory
- Size and depth of lacerations repaired
- If the replacement hip joint was metal-on-metal or metal-on-ceramic
- Exams, consults



# General Principles - Level of Specificity

---

- 2nd character is usually “Body System” or some type of “location”
- 3rd character is the general type of procedure performed
- 4th, 5th, 6th and 7th character – depends on the section, can be approach, qualifiers, types of imaging



# ICD-10-PCS Sections

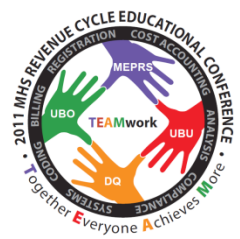
- 0 Medical and Surgical
- 1 Obstetrics
- 2 Placement
- 3 Administration
- 4 Measurement and Monitoring
- 5 Extracorporeal Assistance and Performance
- 6 Extracorporeal Therapies
- 7 Osteopathic
- 8 Other Procedures
- 9 Chiropractic
- B Imaging
- C Nuclear Medicine
- D Radiation Oncology
- F Physical Rehabilitation and Diagnostic Audiology
- G Mental Health
- H Substance Abuse Treatment



# Medical Surgical Section

1	2	3	4	5	6	7
Section	Root Operation		Approach		Qualifier	
	Body System	Body Part		Device		

- **1st character - "0"**
- 2<sup>nd</sup> character – general body system (e.g., muscle)
- 3<sup>rd</sup> character – root operation (e.g., replacement)
- 4<sup>th</sup> character – body part (e.g., neck muscle, left)
- 5<sup>th</sup> character – approach (e.g., open)
- 6<sup>th</sup> character – device ( e.g., synthetic substitute)
- 7<sup>th</sup> character – qualifier (e.g., no qualifier)



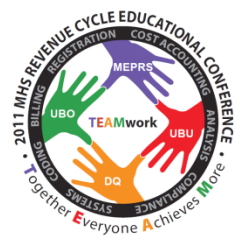
# Medical Surgical Section

<b>Section</b>	<b>0 Medical and Surgical</b>		
<b>Body System</b>	<b>8 Eye</b>		
<b>Operation</b>	<b>2 Change: Taking out or off a device from a body part and putting back an identical or similar device in or on the same body part without cutting or puncturing the skin or a mucous membrane</b>		
<i>Body Part</i>	<i>Approach</i>	<i>Device</i>	<i>Qualifier</i>
<b>0 Eye, Right</b> <b>1 Eye, Left</b>	<b>X External</b>	<b>0 Drainage Device</b> <b>Y Other Device</b>	<b>Z No Qualifier</b>

- **1st character - "0"**
- 2nd character - general body system (e.g., eye)
- 3rd character - root operation (e.g., change)
- 4th character - body part (e.g., eye, left)
- 5th character - approach (e.g., external)
- 6th character - device ( e.g., drainage device)







# Using the Index - Medical Surgical Service

## Extirpation *continued*

Anterior Chamber *continued*

Left [08C3](#)

Right [08C2](#)

Anus [0DCQ](#)

Aorta

Abdominal [04C0](#)

Thoracic [02CW](#)

Aortic Body [0GCD](#)

Appendix [0DCJ](#)

Artery

Anterior Tibial

Left [04CQ](#)

Right [04CP](#)

Axillary

Left [03C6](#)

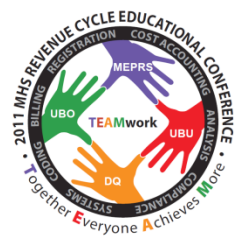
Right [03C5](#)

Brachial

Left [03C8](#)

Right [03C7](#)

Celiac [04C1](#)



# Medical Surgical 08C33ZZ

<b>Section</b>	<b>0 Medical and Surgical</b>		
<b>Body System</b>	<b>8 Eye</b>		
<b>Operation</b>	<b>C Extirpation: Taking or cutting out solid matter from a body part</b>		
<i>Body Part</i>	<i>Approach</i>	<i>Device</i>	<i>Qualifier</i>
<b>0</b> Eye, Right <b>1</b> Eye, Left <b>6</b> Sclera, Right <b>7</b> Sclera, Left <b>8</b> Cornea, Right <b>9</b> Cornea, Left <b>S</b> Conjunctiva, Right <b>T</b> Conjunctiva, Left	<b>X</b> External	<b>Z</b> No Device	<b>Z</b> No Qualifier
<b>2</b> Anterior Chamber, Right <b>3</b> Anterior Chamber, Left <b>4</b> Vitreous, Right <b>5</b> Vitreous, Left <b>C</b> Iris, Right <b>D</b> Iris, Left <b>E</b> Retina, Right	<b>3</b> Percutaneous <b>X</b> External	<b>Z</b> No Device	<b>Z</b> No Qualifier

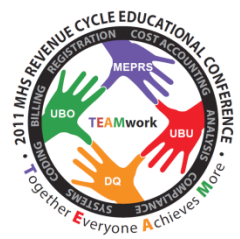
ICD-9-CM 12.01 or 12.02 Removal of intraocular foreign body from anterior segment of eye with use of magnet/without use of magnet



# Character 2 - Medical and Surgical Section

	Body Systems for Medical Surgical
0	Central Nervous System
1	Peripheral Nervous System
2	Heart and Great Vessels
3	Upper Arteries
4	Lower Arteries
5	Upper Veins
6	Lower Veins
7	Lymphatic and Hemic System
8	Eye
9	Ear, Nose, Sinus
B	Respiratory System
C	Mouth and Throat
D	Gastrointestinal System
F	Hepatobiliary System and Pancreas
G	Endocrine System

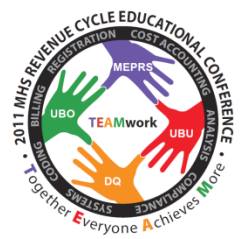
H	Skin and Breast
J	Subcutaneous Tissue and Fascia
K	Muscles
L	Tendons
M	Bursae and Ligaments
N	Head and Facial Bones
P	Upper Bones
Q	Lower Bones
R	Upper Joints
S	Lower Joints
T	Urinary System
U	Female Reproductive System
V	Male Reproductive System
W	Anatomical Regions, General
X	Anatomical Regions, Upper Extremities
Y	Anatomical Regions, Lower Extremities



# 08- - - - Medical Surgical/Eye...

<b>Section</b>	<b>0 Medical and Surgical</b>		
<b>Body System</b>	<b>8 Eye</b>		
<b>Operation</b>	<b>9 Drainage: Taking or letting out fluids and/or gases from a body part</b>		
<i>Body Part</i>	<i>Approach</i>	<i>Device</i>	<i>Qualifier</i>
<b>2</b> Anterior Chamber, Right <b>3</b> Anterior Chamber, Left <b>4</b> Vitreous, Right <b>5</b> Vitreous, Left <b>C</b> Iris, Right <b>D</b> Iris, Left <b>E</b> Retina, Right <b>F</b> Retina, Left <b>G</b> Retinal Vessel, Right <b>H</b> Retinal Vessel, Left <b>J</b> Lens, Right <b>K</b> Lens, Left	<b>3</b> Percutaneous	<b>Z</b> No Device	<b>X</b> Diagnostic <b>Z</b> No Qualifier
<b>A</b> Choroid, Right <b>B</b> Choroid, Left <b>L</b> Extraocular Muscle, Right <b>M</b> Extraocular Muscle, Left <b>V</b> Lacrimal Gland, Right <b>W</b> Lacrimal Gland, Left	<b>0</b> Open <b>3</b> Percutaneous	<b>0</b> Drainage Device	<b>Z</b> No Qualifier
<b>A</b> Choroid, Right <b>B</b> Choroid, Left <b>L</b> Extraocular Muscle, Right <b>M</b> Extraocular Muscle, Left <b>V</b> Lacrimal Gland, Right <b>W</b> Lacrimal Gland, Left	<b>0</b> Open <b>3</b> Percutaneous	<b>Z</b> No Device	<b>X</b> Diagnostic <b>Z</b> No Qualifier
<b>N</b> Upper Eyelid, Right <b>P</b> Upper Eyelid, Left <b>Q</b> Lower Eyelid, Right	<b>0</b> Open <b>3</b> Percutaneous <b>V</b> External	<b>0</b> Drainage Device	<b>Z</b> No Qualifier

- It is important to know the parts, for example, this is for drainage of various parts of the eye



## Character 3 - Root Operation

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- Unlike medical terminology where you need to memorize a gazillion terms and eponyms to know the names of operations, in ICD-10-PCS, there are fewer than 60 terms
- A really nice “clumping” which has been updated and refined over the past 10 years



# Character 3 - Root Operation

## Alteration

**Definition:** Modifying the anatomic structure of a body part without affecting the function of the body part

**Explanation:** Principal purpose is to improve appearance

**Includes/Examples:** Face lift, breast augmentation

## Bypass

**Definition:** Altering the route of passage of the contents of a tubular body part

**Explanation:** Rerouting contents of a body part to a downstream area of the normal route, to a similar route and body part, or to an abnormal route and dissimilar body part. Includes one or more anastomoses, with or without the use of a device

**Includes/Examples:** Coronary artery bypass, colostomy formation



# Character 3 - Root Operation

## Change device in

**Definition:** Taking out or off a device from a body part and putting back an identical or similar device in or on the same body part without cutting or puncturing the skin or a mucous membrane

**Explanation:** All CHANGE procedures are coded using the approach EXTERNAL

**Includes/Examples:** Urinary catheter change, gastrostomy tube change

## Control postprocedural bleeding in

**Definition:** Stopping, or attempting to stop, postprocedural bleeding

**Explanation:** The site of the bleeding is coded as an anatomical region and not to a specific body part

**Includes/Examples:** Control of post-prostatectomy hemorrhage, control of post-tonsillectomy hemorrhage





# Character 3 - Root Operation

## Creation

**Definition:** Making a new genital structure that does not take over the function of a body part

**Explanation:** Used only for sex change operations

**Includes/Examples:** Creation of vagina in a male, creation of penis in a female

## Destruction

**Definition:** Physical eradication of all or a portion of a body part by the direct use of energy, force, or a destructive agent

**Explanation:** None of the body part is physically taken out

**Includes/Examples:** Fulguration of rectal polyp, cautery of skin lesion





# Character 3 - Root Operation

## Detachment

**Definition:** Cutting off all or a portion of the upper or lower extremities

**Explanation:** The body part value is the site of the detachment, with a qualifier if applicable to further specify the level where the extremity was detached

**Includes/Examples:** Below knee amputation, disarticulation of shoulder

## Dilation

**Definition:** Expanding an orifice or the lumen of a tubular body part

**Explanation:** The orifice can be a natural orifice or an artificially created orifice. Accomplished by stretching a tubular body part using intraluminal pressure or by cutting part of the orifice or wall of the tubular body part

**Includes/Examples:** Percutaneous transluminal angioplasty, pyloromyotomy



# Character 3 - Root Operation

## Division

**Definition:** Cutting into a body part, without draining fluids and/or gases from the body part, in order to separate or transect a body part

**Explanation:** All or a portion of the body part is separated into two or more portions

**Includes/Examples:** Spinal cordotomy, osteotomy

## Drainage

**Definition:** Taking or letting out fluids and/or gases from a body part

**Explanation:** The qualifier DIAGNOSTIC is used to identify drainage procedures that are biopsies

**Includes/Examples:** Thoracentesis, incision and drainage



# Character 3 - Root Operation

## Excision

**Definition:** Cutting out or off, without replacement, a portion of a body part

**Explanation:** The qualifier DIAGNOSTIC is used to identify excision procedures that are biopsies

**Includes/Examples:** Partial nephrectomy, liver biopsy

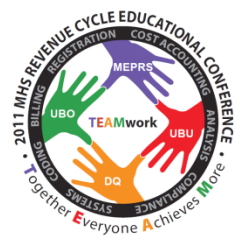
## Extirpation

**Definition:** Taking or cutting out solid matter from a body part

**Explanation:** The solid matter may be an abnormal byproduct of a biological function or a foreign body; it may be imbedded in a body part or in the lumen of a tubular body part. The solid matter may or may not have been previously broken into pieces

**Includes/Examples:** Thrombectomy, choledocholithotomy





# Character 3 - Root Operation

## Extraction

**Definition:** Pulling or stripping out or off all or a portion of a body part by the use of force

**Explanation:** The qualifier DIAGNOSTIC is used to identify extraction procedures that are biopsies

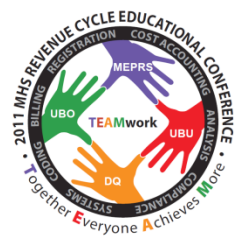
**Includes/Examples:** Dilation and curettage, vein stripping

## Fragmentation

**Definition:** Breaking solid matter in a body part into pieces

**Explanation:** Physical force (e.g., manual, ultrasonic) applied directly or indirectly is used to break the solid matter into pieces. The solid matter may be an abnormal byproduct of a biological function or a foreign body. The pieces of solid matter are not taken out

**Includes/Examples:** Extracorporeal shockwave lithotripsy, transurethral lithotripsy



# Character 3 - Root Operation

## **Fusion**

Definition: Joining together portions of an articular body part rendering the articular body part immobile

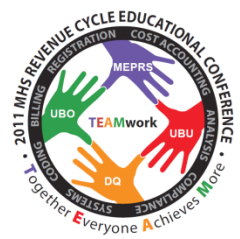
Explanation: The body part is joined together by fixation device, bone graft, or other means

Includes/Examples: Spinal fusion, ankle arthrodesis

## **Insertion of device in**

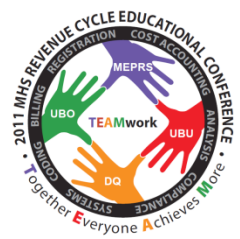
Definition: Putting in a nonbiological appliance that monitors, assists, performs, or prevents a physiological function but does not physically take the place of a body part

Includes/Examples: Insertion of radioactive implant, insertion of central venous catheter



# Character 3 - Root Operation

<b>Inspection</b>	<p><b>Definition:</b> Visually and/or manually exploring a body part</p> <p><b>Explanation:</b> Visual exploration may be performed with or without optical instrumentation. Manual exploration may be performed directly or through intervening body layers</p> <p><b>Includes/Examples:</b> Diagnostic arthroscopy, exploratory laparotomy</p>
<b>Map</b>	<p><b>Definition:</b> Locating the route of passage of electrical impulses and/or locating functional areas in a body part</p> <p><b>Explanation:</b> Applicable only to the cardiac conduction mechanism and the central nervous system</p> <p><b>Includes/Examples:</b> Cardiac mapping, cortical mapping</p>



# Character 3 - Root Operation

## Occlusion

**Definition:** Completely closing an orifice or the lumen of a tubular body part

**Explanation:** The orifice can be a natural orifice or an artificially created orifice

**Includes/Examples:** Fallopian tube ligation, ligation of inferior vena cava

## Reattachment

**Definition:** Putting back in or on all or a portion of a separated body part to its normal location or other suitable location

**Explanation:** Vascular circulation and nervous pathways may or may not be reestablished

**Includes/Examples:** Reattachment of hand, reattachment of avulsed kidney





# Character 3 - Root Operation

## Release

**Definition:** Freeing a body part from an abnormal physical constraint

**Explanation:** Some of the restraining tissue may be taken out but none of the body part is taken out

**Includes/Examples:** Adhesiolysis, carpal tunnel release

## Removal of device from

**Definition:** Taking out or off a device from a body part

**Explanation:** If a device is taken out and a similar device put in without cutting or puncturing the skin or mucous membrane, the procedure is coded to the root operation CHANGE. Otherwise, the procedure for taking out a device is coded to the root operation REMOVAL

**Includes/Examples:** Drainage tube removal, cardiac pacemaker removal





# Character 3 - Root Operation

## Repair

**Definition:** Restoring, to the extent possible, a body part to its normal anatomic structure and function

**Explanation:** Used only when the method to accomplish the repair is not one of the other root operations

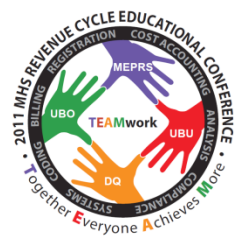
**Includes/Examples:** Colostomy takedown, suture of laceration

## Replacement

**Definition:** Putting in or on biological or synthetic material that physically takes the place and/or function of all or a portion of a body part

**Explanation:** The body part may have been taken out or replaced, or may be taken out, physically eradicated, or rendered nonfunctional during the Replacement procedure. A Removal procedure is coded for taking out the device used in a previous replacement procedure

**Includes/Examples:** Total hip replacement, bone graft, free skin graft



# Character 3 - Root Operation

## Reposition

**Definition:** Moving to its normal location, or other suitable location, all or a portion of a body part

**Explanation:** The body part is moved to a new location from an abnormal location, or from a normal location where it is not functioning correctly. The body part may or may not be cut out or off to be moved to the new location

**Includes/Examples:** Reposition of undescended testicle, fracture reduction

## Resection

**Definition:** Cutting out or off, without replacement, all of a body part

**Includes/Examples:** Total nephrectomy, total lobectomy of lung



# Character 3 - Root Operation

<b>Restriction</b>	<p>Definition: Partially closing an orifice or the lumen of a tubular body part</p> <p>Explanation: The orifice can be a natural orifice or an artificially created orifice</p> <p>Includes/Examples: Esophagogastric fundoplication, cervical cerclage</p>
<b>Revision of device in</b>	<p>Definition: Correcting, to the extent possible, a portion of a malfunctioning device or the position of a displaced device</p> <p>Explanation: Revision can include correcting a malfunctioning or displaced device by taking out and/or putting in part of the device</p> <p>Includes/Examples: Adjustment of position of pacemaker lead, recementing of hip prosthesis</p>





# Character 3 - Root Operation

## Supplement

**Definition:** Putting in or on biological or synthetic material that physically reinforces and/or augments the function of a portion of a body part

**Explanation:** The biological material is non-living, or is living and from the same individual. The body part may have been previously replaced, and the Supplement procedure is performed to physically reinforce and/or augment the function of the replaced body part

**Includes/Examples:** Herniorrhaphy using mesh, free nerve graft, mitral valve ring annuloplasty, put a new acetabular liner in a previous hip replacement



# Character 3 - Root Operation

## Transfer

**Definition:** Moving, without taking out, all or a portion of a body part to another location to take over the function of all or a portion of a body part

**Explanation:** The body part transferred remains connected to its vascular and nervous supply

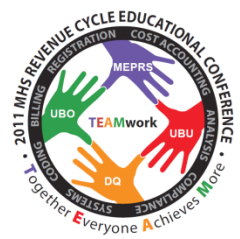
**Includes/Examples:** Tendon transfer, skin pedicle flap transfer

## Transplantation

**Definition:** Putting in or on all or a portion of a living body part taken from another individual or animal to physically take the place and/or function of all or a portion of a similar body part

**Explanation:** The native body part may or may not be taken out, and the transplanted body part may take over all or a portion of its function

**Includes/Examples:** Kidney transplant, heart transplant



# Character 3 - Root Operation

- Other than Medical and Surgical

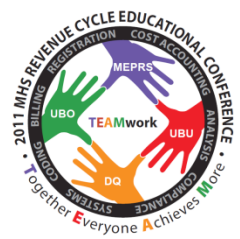
<b>Abortion</b>	<b>Definition: Artificially terminating a pregnancy</b>
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<b>Delivery</b>	<b>Definition: Assisting the passage of the products of conception from the genital canal</b>
-----------------	---

<b>Compression</b>	<b>Definition: Putting pressure on a body region</b>
--------------------	--

<b>Dressing</b>	<b>Definition: Putting material on a body region for protection</b>
-----------------	---

<b>Immobilization</b>	<b>Definition: Limiting or preventing motion of a body region</b>
-----------------------	---



# Character 3 - Root Operation

- Other than Medical and Surgical

<b>Packing</b>	<b>Definition: Putting material in a body region or orifice</b>
----------------	---

<b>Traction</b>	<b>Definition: Exerting a pulling force on a body region in a distal direction</b>
-----------------	--

<b>Introduction</b>	<b>Definition: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic substance except blood or blood products</b>
---------------------	---

<b>Irrigation</b>	<b>Definition: Putting in or on a cleansing substance</b>
-------------------	---



# Character 3 - Root Operation

- Other than Medical and Surgical

<b>Transfusion</b>	<b>Definition: Putting in blood or blood products</b>
--------------------	---

<b>Measurement</b>	<b>Definition: Determining the level of a physiological or physical function at a point in time</b>
--------------------	---

<b>Monitoring</b>	<b>Definition: Determining the level of a physiological or physical function repetitively over a period of time</b>
-------------------	---

<b>Assistance</b>	<b>Definition: Taking over a portion of a physiological function by extracorporeal means</b>
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# Character 3 - Root Operation

- Other than Medical and Surgical

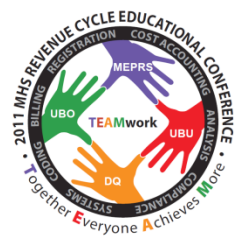
<b>Performance</b>	<b>Definition: Completely taking over a physiological function by extracorporeal means</b>
--------------------	--

<b>Restoration</b>	<b>Definition: Returning, or attempting to return, a physiological function to its original state by extracorporeal means.</b>
--------------------	--

<b>Osteopathic Treatment</b>	<b>Definition: Manual treatment to eliminate or alleviate somatic dysfunction and related disorders</b>
------------------------------	---

<b>Other Procedures</b>	<b>Definition: Methodologies which attempt to remediate or cure a disorder or disease</b>
-------------------------	---

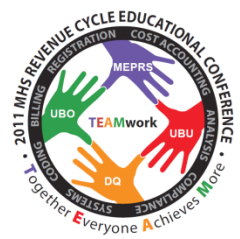
<b>Chiropractic Manipulation</b>	<b>Definition: Manual procedure that involves a directed thrust to move a joint past the physiological range of motion. without exceeding the anatomical limit</b>
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# How to Select Root Operation

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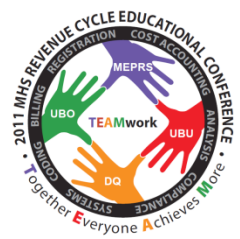
- The objective of the procedure is the primary determinant in identifying the root operation to be coded
- Integral components of operations are not coded separately such as excision or resection performed as part of the replacement or repair operation



# How to Select Root Operation

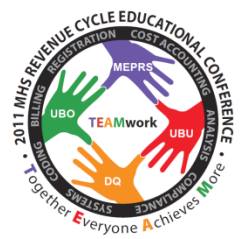
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- Drainage tubes inserted as part of another procedure are included in the primary procedure and are not coded as drainage. Routine drainage of operative site/wound is not coded. A drainage tube is not coded as a device
- Combination procedures that have distinctly separate objectives are coded separately



# How to Select Root Operation

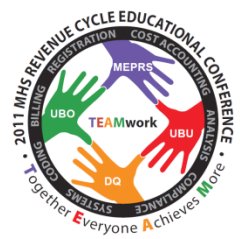
- A biopsy is coded to excision of body part with the qualifier “diagnostic”
- Excisional debridement is coded to excision and includes concomitant irrigation. Non-excisional debridement is coded to extraction
- All bypass operations are described in the direction of flow of the contents of the body part (body part to qualifier) except bypasses of the coronary arteries



# How to Select Root Operation

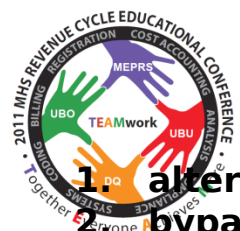
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- Destruction is coded when an agent is introduced directly in/on the body part to cause destruction, such as chemonucleolysis or sclerotherapy. Administration is coded if the agent is introduced into the blood stream acts on a remote body part (thrombolysis)
- Code an operation to the extent performed when a procedure is discontinued before the intended root operation is completed



# Root Operation - Review

	adhesiolysis, carpal tunnel release
	adjustment of pacemaker lead, adjustment of hip prostheses
	below knee amputation, disarticulation of shoulder
	cardiac mapping, cortical mapping
	cardiac pacemaker removal
	control of post-tonsillectomy hemorrhage
	coronary artery bypass, colostomy formation
	creation of a vagina in a male
	diagnostic arthroscopy
	esophagogastric fundoplication, cervical cerclage
	face lift, breast augmentation
	fallopian tube ligation
	fracture reduction, reposition of undescended testicle
	fulguration of a rectal polyp; cautery of skin lesion
	herniorrhaphy, suture of laceration



# Root Operation - Review

1. alteration

2. bypass

3. change

4. control

5. creation

6. destruction

6. detachment

8. dilation

9. division

10. drainage

11. excision

12. extirpation

13. extraction

14. fragmentation

15. fusion

16. insertion

17. inspection

18. map

19. occlusion

20. reattachment

21. release

22. removal

23. repair

24. replacement

25. reposition

26. resection

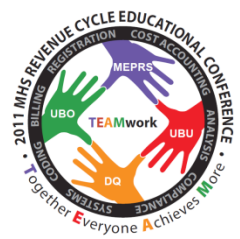
27. restriction

28. supplement

29. transfer

30.

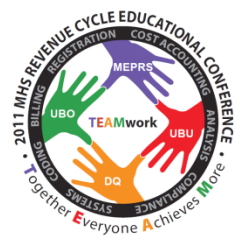
Y	V	Q	N	C	X	K	M	D	D	K	B	K	F	N	D	F	F
R	E	L	E	A	S	E	O	C	C	L	U	S	I	O	N	R	N
K	M	X	K	R	P	E	X	C	I	S	I	O	N	R	R	A	L
L	D	J	V	R	F	R	C	B	P	H	E	N	H	N	M	G	W
D	C	C	H	A	N	G	E	A	N	G	M	D	Z	O	R	M	N
N	R	T	K	Y	Q	V	M	M	A	B	E	L	F	I	E	E	O
C	O	M	N	X	Z	N	G	N	O	S	J	T	Z	T	P	N	I
R	W	I	Q	E	L	E	I	K	T	V	F	K	M	A	A	T	T
E	N	W	T	L	M	A	X	R	C	R	A	F	T	R	I	A	C
A	Q	O	V	A	R	H	U	T	F	O	J	L	K	E	R	T	E
T	N	Y	I	D	L	C	C	U	R	G	N	P	W	T	T	I	P
I	O	M	Z	T	T	I	S	A	G	A	S	T	T	L	Z	O	S
O	I	W	K	I	R	I	D	J	T	S	T	R	R	A	H	N	N
N	S	Z	O	D	O	E	W	D	A	T	T	I	C	O	C	L	I
B	I	N	H	N	J	Y	S	P	C	Y	A	N	O	Z	L	C	R
R	V	N	P	K	M	M	Y	N	N	H	T	E	H	N	M	L	H
R	I	W	X	B	K	B	N	O	I	T	A	P	R	I	T	X	E
H	D	D	D	M	L	T	N	E	M	H	C	A	T	E	D	X	L



# Character 5 - Approach

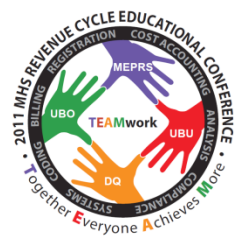
External	Definition: Procedures performed directly on the skin or mucous membrane and procedures performed indirectly by the application of external force through the skin or mucous membrane
Open	Definition: Cutting through the skin or mucous membrane and any other body layers necessary to expose the site of the procedure





# Character 5 - Approach

Percutaneous	Definition: Entry, by puncture or minor incision, of instrumentation through the skin or mucous membrane and any other body layers necessary to reach the site of the procedure
Percutaneous Endoscopic	Definition: Entry, by puncture or minor incision, of instrumentation through the skin or mucous membrane and any other body layers necessary to reach and visualize the site of the procedure



# Character 5 - Approach

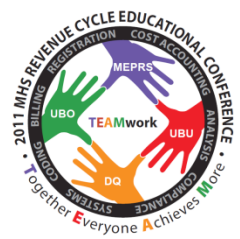
Via Natural or Artificial Opening	Definition: Entry of instrumentation through a natural or artificial external opening to reach the site of the procedure
Via Natural or Artificial Opening Endoscopic	Definition: Entry of instrumentation through a natural or artificial external opening to reach and visualize the site of the procedure
Open with percutaneous endoscopic assistance	Definition: Entry of instrumentation through a natural or artificial external opening to reach and visualize the site of the procedure, and entry, by puncture or minor incision, of instrumentation through the skin or mucous membrane and any other body layers necessary to aid in the performance of the procedure



## Character 6 - Device

**Only things that remain after the procedure is completed - clips, ligatures and sutures are not specified in the device character**

0 Drainage Device
1 Radioactive Element
2 Monitoring Device
3 Infusion Device
4 Drug-eluting Intraluminal Device
4 Internal Fixation Device
5 External Fixation Device
6 Intramedullary Fixation Device
7 Autologous Tissue Substitute
8 Zooplasic Tissue
9 Autologous Venous Tissue

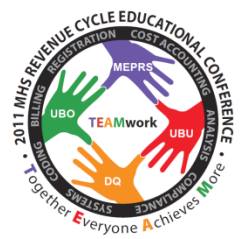


# Character 6 - Device

- Examples for Medical and Surgical Section

A Autologous Arterial Tissue
B Bioactive Intraluminal Device
B Airway
C Extraluminal Device
D Intraluminal Device
E Endotracheal Airway
F Tracheostomy Device
G Endobronchial Valve
H Contraceptive Device
I
J Synthetic Substitute
K Nonautologous Tissue Substitute
L Artificial Sphincter

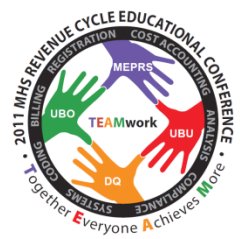
M Cardiac Lead
M Stimulator Lead
M Bone Growth Stimulator
M Diaphragmatic Pacemaker Lead
N Tissue Expander
O
P Cardiac Rhythm Related Device
Q Implantable Heart Assist System
R External Heart Assist System
S Hearing Device
T Radioactive Intraluminal Device
U Feeding Device
V Infusion Pump
W Reservoir
X Vascular Access Device
Y Other Device
Z No Device



## Character 7 - Qualifier

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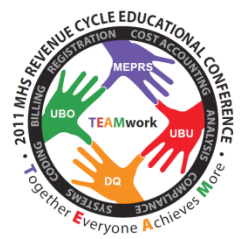
- Different for different procedures, such as:
  - Destination site in a bypass
  - For Extracorporeal Therapies, pheresis, what was produced; e.g., erythrocytes
  - If a procedure was diagnostic



# Character 7 - Qualifier

- Example: Note the different devices have different qualifiers

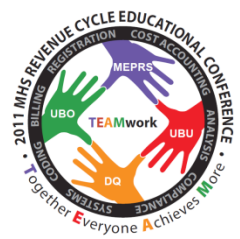
<b>6</b> Subcutaneous Tissue and Fascia, Chest <b>8</b> Subcutaneous Tissue and Fascia, Abdomen	<b>0</b> Open <b>3</b> Percutaneous	<b>P</b> Cardiac Rhythm Related Device	<b>0</b> Pacemaker, Single Chamber <b>1</b> Pacemaker, Single Chamber Rate Responsive <b>2</b> Pacemaker, Dual Chamber <b>3</b> Cardiac Resynchronization Pacemaker Pulse Generator <b>4</b> Defibrillator Generator <b>5</b> Cardiac Resynchronization Defibrillator Pulse Generator <b>A</b> Contractility Modulation Device <b>Y</b> Other Cardiac Rhythm Related Device <b>Z</b> No Qualifier
<b>7</b> Subcutaneous Tissue and Fascia, Back	<b>0</b> Open <b>3</b> Percutaneous	<b>M</b> Stimulator Generator	<b>6</b> Single Array <b>7</b> Dual Array <b>8</b> Single Array Rechargeable <b>9</b> Dual Array Rechargeable <b>Z</b> No Qualifier



# Character 7 - Qualifier

- Some qualifier numbers used multiple times based on device

Device	Qualifier
no device	0 Skin
no device	1 Subcutaneous Tissue
no device	2 Skin and Subcutaneous Tissue
no device	6 Transverse Rectus Abdominis Myocutaneous Flap
no device	B Skin and Subcutaneous Tissue
no device	C Skin, Subcutaneous Tissue and Fascia
no device	X Diagnostic
no device	Z No Qualifier
P Cardiac Rhythm Related	0 Pacemaker, Single Chamber
P Cardiac Rhythm Related	1 Pacemaker, Single Chamber Rate Responsive
P Cardiac Rhythm Related	2 Pacemaker, Dual Chamber
P Cardiac Rhythm Related	3 Cardiac Resynchronization Pacemaker Pulse Gener
P Cardiac Rhythm Related	4 Defibrillator Generator
P Cardiac Rhythm Related	5 Cardiac Resynchronization Defibrillator Pulse Gener
P Cardiac Rhythm Related	A Contractility Modulation Device
P Cardiac Rhythm Related	Y Other Cardiac Rhythm Related Device

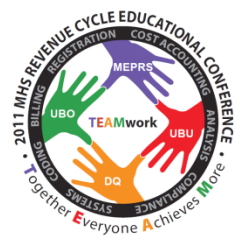


# Section 1 - Obstetrics

1	2	3	4	5	6	7
Section	Body System	Root Operation	Body Part	Approach	Device	Qualifier

- Same characters as in Medical and Surgical
  - Section: 1 Obstetrics
  - Body System: 0 Pregnancy
  - Operation:
- Only three body parts (character 2)
  - 0 Products of Conception
  - 1 Products of Conception, Retained
  - 2 Products of Conception, Ectopic
- We will go through this in detail
  - To get a good idea of the root operations
  - These are the most common inpatient procedures in the MHS



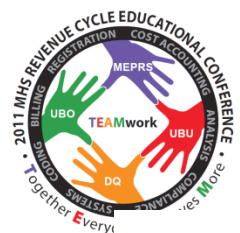


# Section 1 - Obstetrics

<b>Section</b>	<b>1</b> Obstetrics		
<b>Body System</b>	<b>0</b> Pregnancy		
<b>Operation</b>	<b>2</b> Change: Taking out or off a device from a body part and putting back an identical or similar device in or on the same body part without cutting or puncturing the skin or a mucous membrane		
<i>Body Part</i>	<i>Approach</i>	<i>Device</i>	<i>Qualifier</i>
<b>0</b> Products of Conception	<b>7</b> Via Natural or Artificial Opening	<b>3</b> Monitoring Electrode <b>Y</b> Other Device	<b>Z</b> No Qualifier

Change – if you have a change, you would expect to find an insertion and removal

<b>Section</b>	<b>1</b> Obstetrics		
<b>Body System</b>	<b>0</b> Pregnancy		
<b>Operation</b>	<b>9</b> Drainage: Taking or letting out fluids and/or gases from a body part		
<i>Body Part</i>	<i>Approach</i>	<i>Device</i>	<i>Qualifier</i>
<b>0</b> Products of Conception	<b>0</b> Open <b>3</b> Percutaneous <b>4</b> Percutaneous Endoscopic <b>7</b> Via Natural or Artificial Opening <b>8</b> Via Natural or Artificial Opening Endoscopic	<b>Z</b> No Device	<b>9</b> Fetal Blood <b>A</b> Fetal Cerebrospinal Fluid <b>B</b> Fetal Fluid, Other <b>C</b> Amniotic Fluid, Therapeutic <b>D</b> Fluid, Other <b>U</b> Amniotic Fluid, Diagnostic



# Section 1 - Obstetrics

Section	1	Obstetrics		
Body System	0	Pregnancy		
Operation	A	Abortion: Artificially terminating a pregnancy		
Body Part	Approach		Device	Qualifier
0 Products of Conception	0 Open 2 Open Endoscopic 3 Percutaneous 4 Percutaneous Endoscopic 8 Via Natural or Artificial Opening Endoscopic		Z No Device	Z No Qualifier
0 Products of Conception	7 Via Natural or Artificial Opening		Z No Device	6 Vacuum W Laminaria X Abortifacient Z No Qualifier

Section	1	Obstetrics	
Body System	0	Pregnancy	
Operation	D	Extraction: Pulling or stripping out or off all or a portion of a body part	
Body Part	Approach	Device	Qualifier
0 Products of Conception	0 Open	Z No Device	0 Classical 1 Low Cervical 2 Extraperitoneal
0 Products of Conception	7 Via Natural or Artificial Opening	Z No Device	3 Low Forceps 4 Mid Forceps 5 High Forceps 6 Vacuum 7 Internal Version 8 Other
1 Products of Conception, Retained 2 Products of Conception, Ectopic	7 Via Natural or Artificial Opening 8 Via Natural or Artificial Opening Endoscopic	Z No Device	Z No Qualifier

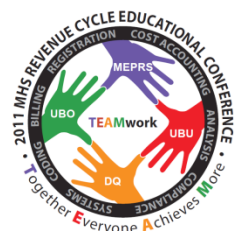


# Section 1 - Obstetrics

<b>Section</b>	<b>1</b> Obstetrics		
<b>Body System</b>	<b>0</b> Pregnancy		
<b>Operation</b>	<b>E</b> Delivery: Assisting the passage of the products of conception from the genital canal		
<i>Body Part</i>	<i>Approach</i>	<i>Device</i>	<i>Qualifier</i>
<b>0</b> Products of Conception	<b>X</b> External	<b>Z</b> No Device	<b>Z</b> No Qualifier

<b>Section</b>	<b>1</b> Obstetrics		
<b>Body System</b>	<b>0</b> Pregnancy		
<b>Operation</b>	<b>H</b> Insertion: Putting in a nonbiological appliance that monitors, assists, performs, or prevents a physiological function but does not physically take the place of a body part		
<i>Body Part</i>	<i>Approach</i>	<i>Device</i>	<i>Qualifier</i>
<b>0</b> Products of Conception	<b>0</b> Open <b>7</b> Via Natural or Artificial Opening	<b>3</b> Monitoring Electrode <b>Y</b> Other Device	<b>Z</b> No Qualifier

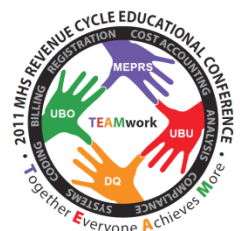
<b>Section</b>	<b>1</b> Obstetrics		
<b>Body System</b>	<b>0</b> Pregnancy		
<b>Operation</b>	<b>J</b> Inspection: Visually and/or manually exploring a body part		
<i>Body Part</i>	<i>Approach</i>	<i>Device</i>	<i>Qualifier</i>
<b>0</b> Products of Conception <b>1</b> Products of Conception, Retained <b>2</b> Products of Conception, Ectopic	<b>0</b> Open <b>2</b> Open Endoscopic <b>3</b> Percutaneous <b>4</b> Percutaneous Endoscopic <b>7</b> Via Natural or Artificial Opening <b>8</b> Via Natural or Artificial Opening Endoscopic <b>X</b> External	<b>Z</b> No Device	<b>Z</b> No Qualifier



# Section 1 - Obstetrics

Section	1	Obstetrics			
Body System	0	Pregnancy			
Operation	P	Removal: Taking out or off a device from a body part, region or orifice			
Body Part		Approach		Device	Qualifier
0 Products of Conception		0 Open 7 Via Natural or Artificial Opening		3 Monitoring Electrode Y Other Device	Z No Qualifier

Section	1	Obstetrics		
Body System	0	Pregnancy		
Operation	Q	Repair: Restoring, to the extent possible, a body part to its normal anatomic structure and function		
Body Part	Approach	Device	Qualifier	
0 Products of Conception	0 Open 2 Open Endoscopic 3 Percutaneous 4 Percutaneous Endoscopic 7 Via Natural or Artificial Opening 8 Via Natural or Artificial Opening Endoscopic	Y Other Device Z No Device	E Nervous System F Cardiovascular System G Lymphatics and Hemic H Eye J Ear, Nose and Sinus K Respiratory System L Mouth and Throat M Gastrointestinal System N Hepatobiliary and Pancreas P Endocrine System Q Skin R Musculoskeletal System S Urinary System T Female Reproductive System V Male Reproductive System Y Other Body System	



# Section 1 - Obstetrics

<b>Section</b>	<b>1</b> Obstetrics		
<b>Body System</b>	<b>0</b> Pregnancy		
<b>Operation</b>	<b>S</b> Reposition: Moving to its normal location or other suitable location all or a portion of a body part		
<i>Body Part</i>	<i>Approach</i>	<i>Device</i>	<i>Qualifier</i>
<b>0</b> Products of Conception	<b>7</b> Via Natural or Artificial Opening <b>X</b> External	<b>Z</b> No Device	<b>Z</b> No Qualifier
<b>2</b> Products of Conception, Ectopic	<b>0</b> Open <b>2</b> Open Endoscopic <b>3</b> Percutaneous <b>4</b> Percutaneous Endoscopic <b>7</b> Via Natural or Artificial Opening <b>8</b> Via Natural or Artificial Opening Endoscopic	<b>Z</b> No Device	<b>Z</b> No Qualifier

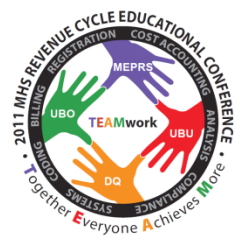
<b>Section</b>	<b>1</b> Obstetrics		
<b>Body System</b>	<b>0</b> Pregnancy		
<b>Operation</b>	<b>T</b> Resection: Cutting out or off, without replacement, all of a body part		
<i>Body Part</i>	<i>Approach</i>	<i>Device</i>	<i>Qualifier</i>
<b>2</b> Products of Conception, Ectopic	<b>0</b> Open <b>2</b> Open Endoscopic <b>3</b> Percutaneous <b>4</b> Percutaneous Endoscopic <b>7</b> Via Natural or Artificial Opening <b>8</b> Via Natural or Artificial Opening Endoscopic	<b>Z</b> No Device	<b>Z</b> No Qualifier



# Section 1 - Obstetrics

<b>Section</b>	<b>1</b> Obstetrics		
<b>Body System</b>	<b>0</b> Pregnancy		
<b>Operation</b>	<b>Y</b> Transplantation: Putting in or on all or a portion of a living body part taken from another individual or animal to physically take the place and/or function of all or a portion of a similar body part		
<i>Body Part</i>	<i>Approach</i>	<i>Device</i>	<i>Qualifier</i>
<b>0</b> Products of Conception	<b>3</b> Percutaneous <b>4</b> Percutaneous Endoscopic <b>7</b> Via Natural or Artificial Opening	<b>Z</b> No Device	<b>E</b> Nervous System <b>F</b> Cardiovascular System <b>G</b> Lymphatics and Hemic <b>H</b> Eye <b>J</b> Ear, Nose and Sinus <b>K</b> Respiratory System <b>L</b> Mouth and Throat <b>M</b> Gastrointestinal System <b>N</b> Hepatobiliary and Pancreas <b>P</b> Endocrine System <b>Q</b> Skin <b>R</b> Musculoskeletal System <b>S</b> Urinary System <b>T</b> Female Reproductive System <b>V</b> Male Reproductive System <b>Y</b> Other Body System





## Section 3 - Administration

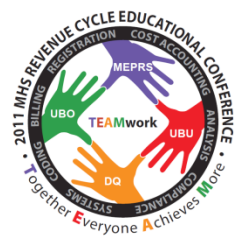
The administration of the fertilized ovum in the female reproductive system is in “administration” as is administration of sperm



Section 3 Administration			
Body System E Physiological Systems and Anatomical Regions			
Operation 0 Introduction: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic substance except blood or blood products			
Body System / Region	Approach	Substance	Qualifier
L Pleural Cavity M Peritoneal Cavity	7 Via Natural or Artificial Opening	S Gas	M Monoclonal Antibody F Other Gas
P Female Reproductive	0 Open	5 Adhesion Barrier	Z No Qualifier
P Female Reproductive	3 Percutaneous 7 Via Natural or Artificial Opening	0 Antineoplastic	4 Liquid Brachytherapy Radioisotope 5 Other Antineoplastic M Monoclonal Antibody
P Female Reproductive	3 Percutaneous 7 Via Natural or Artificial Opening	2 Anti-infective	8 Oxazolidinones 9 Other Anti-infective
P Female Reproductive	3 Percutaneous 7 Via Natural or Artificial Opening	3 Anti-inflammatory 6 Nutritional Substance 7 Electrolytic and Water Balance Substance B Local Anesthetic H Radioactive Substance J Contrast Agent K Other Diagnostic Substance L Sperm N Analgesics, Hypnotics, Sedatives T Destructive Agent	Z No Qualifier
P Female Reproductive	3 Percutaneous 7 Via Natural or Artificial Opening	G Other Therapeutic Substance	C Other Substance



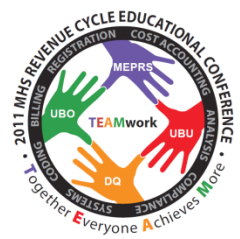
P Female Reproductive	3 Percutaneous 7 Via Natural or Artificial Opening	Q Fertilized Ovum	0 Autologous 1 Nonautologous
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## Section 8 - Other Procedures

- Doing the in vitro fertilization (mixing the egg and sperm in the test tube) is in Other Procedures

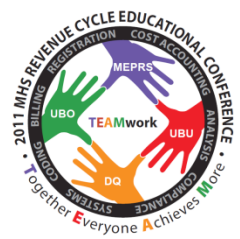
<b>Section</b>	<b>8</b> Other Procedures		
<b>Body System</b>	<b>E</b> Physiological Systems and Anatomical Regions		
<b>Operation</b>	<b>0</b> Other Procedures: Methodologies which attempt to remediate or cure a disorder or disease		
<i>Body Region</i>	<i>Approach</i>	<i>Method</i>	<i>Qualifier</i>
<b>Z</b> None	<b>X</b> External	<b>Y</b> Other Method	<b>1</b> In Vitro Fertilization <b>4</b> Yoga Therapy <b>5</b> Meditation <b>6</b> Isolation



## Section 2 - Placement

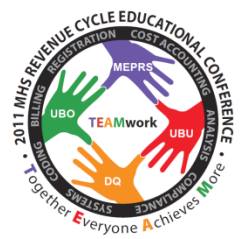
1	2	3	4	5	6	7
Section	Anatomical Regional/ Orifices	Root Operation	Body Region/ Orifice	Approach	Device	Qualifier

- Placing a device on or in a body region for:
  - Protection (e.g., bandage/dressing)
  - Immobilization
  - Stretching
  - Compression
  - Packing



## Section 2 - Placement

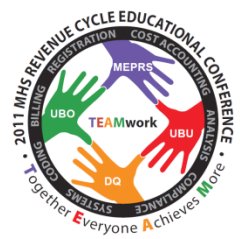
- Approach (character 3) – X external
- Device
  - 0 traction apparatus
  - 1 splint
  - 2 cast
  - 3 brace
  - 4 bandage
  - 5 packing material
  - 6 pressure dressing
  - 7 intermittent pressure device
  - 8 stereotactic apparatus
  - 9 wire
  - Y other device
  - Z no device



## Section 3 - Administration

1	2	3	4	5	6	7
Section	Physiological Systems and Anatomical Regions	Root Operation	Body/ System Region	Approach	Substance	Qualifier

- Circulatory – blood and blood products
- Whole body – irrigating substance
- Skin – antineoplastic, anti-infectives, hormones, insulin, nutritional substance

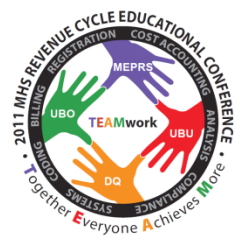


# Section 4 - Measurement and Monitoring

1	2	3	4	5	6	7
Section	Physiological Systems	Root Operation	Body System	Approach	Function	Qualifier

- Central Nervous System ECG, pressure
- Arterial low, pressure, pulse, saturation, sound
- Gastrointestinal motility, pressure, secretion
- Measuring acuity of sense of smell
- Measuring visual acuity, mobility and pressure
- Respiratory capacity, flow, rate, resistance, volume
- Urinary volume, flow, contractility
- Fetal heart rate

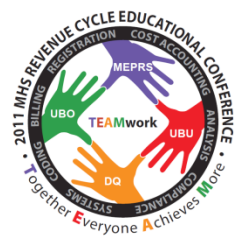




# Section 5 - Extracorporeal Assistance and Performance

1	2	3	4	5	6	7
Section	Physiological Systems	Root Operation	Body System	Duration	Function	Qualifier

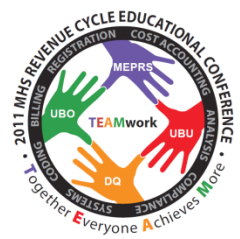
- Assistance, performance, restoration
- Cardiac – output, pacing
- Circulatory – oxygenation
- Respiratory – ventilation
  - Continuous and Intermittent Positive Airway Pressure
  - Negative Airway Pressure



# Section 6 - Extracorporeal Therapies

1	2	3	4	5	6	7
Section	Physiological Systems	Root Operation	Body System	Duration	Qualifier (Z)	Qualifier

- Hyperbaric pressure to eliminate undissolved gas from body fluids
- Electromagnetic Therapy
- Hyperthermia
- Hypothermia
- Pheresis
- Phototherapy
- Ultrasound
- Ultraviolet light
- Shock wave therapy

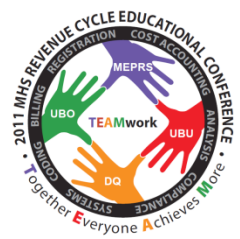


# Section 7 - Osteopathic

1	2	3	4	5	6	7
Section	Anatomical Regions	Root Operation (O) Treatment	Body Region	Approach (X) external	Method	Qualifier (Z)

- Treatment – manual treatment to eliminate or alleviate dysfunction and related disorders

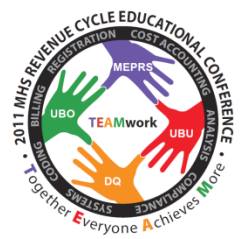
Section	7	Osteopathic		
Body System	W	Anatomical Regions		
Operation	0	Treatment: Manual treatment to eliminate or alleviate somatic dysfunction and related disorders		
Body Region		Approach	Method	Qualifier
0 Head 1 Cervical 2 Thoracic 3 Lumbar 4 Sacrum 5 Pelvis 6 Lower Extremities 7 Upper Extremities 8 Rib Cage 9 Abdomen		X External	0 Articulatory-Raising 1 Fascial Release 2 General Mobilization 3 High Velocity-Low Amplitude 4 Indirect 5 Low Velocity-High Amplitude 6 Lymphatic Pump 7 Muscle Energy-Isometric 8 Muscle Energy-Isotonic 9 Other Method	Z None



# Section 8 - Other Procedures

1	2	3	4	5	6	7
Section	Body System	Root Operation	Body Region	Approach	Method	Qualifier

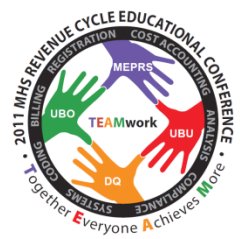
- Indwelling Device
- Robotic Assistance
- Computer Assistance (e.g., fluoroscopy, CT, MRI)
- Collection
  - Sperm
  - Breast milk
- Acupuncture
- Therapeutic Massage
- Yoga Therapy
- Meditation
- Isolation
- Examination
- Suture Removal
- Piercing



# Section 9 - Chiropractic

1	2	3	4	5	6	7
Section	Anatomical Region	Root Operation	Body Region	Approach	Method	Qualifier (Z)

- Only one root operation
  - Treatment – Manual treatment of the musculoskeletal system to restore normal neurophysiological function
- Approach – external

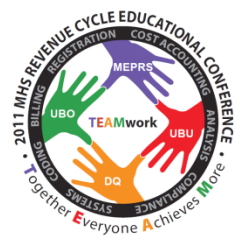


# Section B - Imaging

1	2	3	4	5	6	7
Section	Body System	Root Operation	Body Region	Contrast	Qualifier	Qualifier (Z)

- Computerized Tomography (CT Scan)
- Magnetic Resonance Imaging (MRI)
- Ultrasonography
- Plain Radiography
- Fluoroscopy

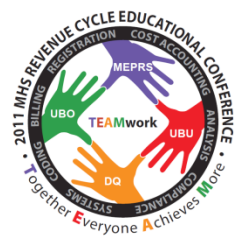




# Section C - Nuclear Medicine

1	2	3	4	5	6	7
Section	Body System	Root Operation	Body Part	Radionuclide	Qualifier (Z)	Qualifier (Z)

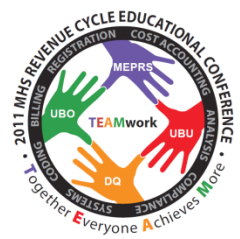
- Planar Nuclear Medicine Imaging
- Tomographic (Tomo) Nuclear Medicine Imaging
- Positron Emission Tomographic (PET) Imaging
- Nonimaging Nuclear Medicine Probe



# Section D - Radiation Oncology

1	2	3	4	5	6	7
Section	Body System	Root Type	Body Part	Modality	Isotope	Qualifier (Z)

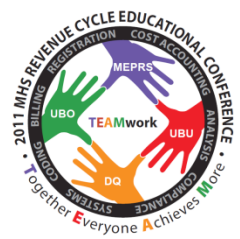
- Beam Radiation
- Brachytherapy
- Stereotactic Radiosurgery
- Other Radiation
  - Contact Radiation
  - Hyperthermia
  - Plaque Radiation



# Section F - Physical Rehabilitation and Diagnostic Audiology

1	2	3	4	5	6	7
Section	Section Qualifier	Root Type	Body System &	Type Qualifier	Equipment	Qualifier (Z)

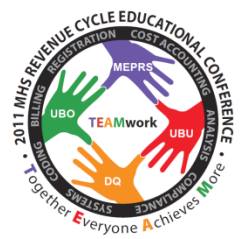
- Physical Therapy
  - Motor and / or Nerve Function Assessment and Treatment
- Occupational Therapy
  - Activities of Daily Living Assessment and Treatment
- Speech-Language Pathology
- Diagnostic Audiology



# Section G - Mental Health

1	2	3	4	5	6	7
Section	Body System (Z)	Root Type	Type Qualifier	Qualifier (Z)	Qualifier (Z)	Qualifier (Z)

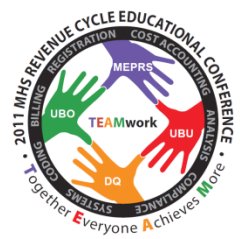
- Psychological Tests
- Crisis Intervention
- Medication Management
- Individual Psychotherapy
- Counseling
- Family Psychotherapy
- Electroconvulsive Therapy
- Biofeedback
- Hypnosis
- Narcosynthesis
- Group Psychotherapy
- Light Therapy



# Section G - Mental Health

- GZGZZZ

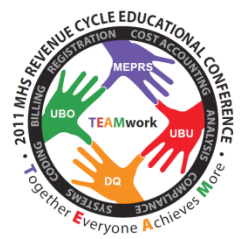
Section	G Mental Health		
Body System	Z None		
Type	G Narcosynthesis: Administration of intravenous barbiturates in order to release suppressed or repressed thoughts		
Qualifier	Qualifier	Qualifier	Qualifier
Z None	Z None	Z None	Z None



# Section H - Substance Abuse Treatment

1	2	3	4	5	6	7
Section	Body System (Z)	Type	Type Qualifier	Qualifier (Z)	Qualifier (Z)	Qualifier (Z)

- Note: Body system is Z - none
- Detoxification Services
- Individual Counseling
- Group Counseling
- Individual Psychotherapy
- Family Counseling
- Medication Management
- Pharmacotherapy

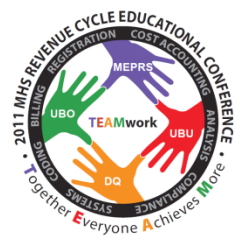


# Review - Root Operations

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- Procedures that take out or eliminate all or portion of a body part
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

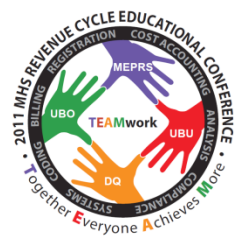




# Review - Root Operations

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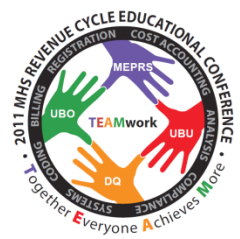
- Procedures that involve putting in or on, putting back, or moving living body parts
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



# Review - Root Operations

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- Procedures that take out or eliminate solid matter, fluids, or gases from a body part
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



# Review - Root Operations

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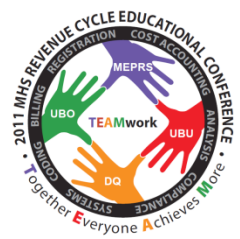
- Procedures that involve only examination of body parts and regions



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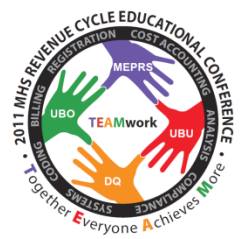
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# Review - Root Operations

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- Procedures that can be performed only on tubular body parts
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



# Review - Root Operations

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- Procedures that always involve devices

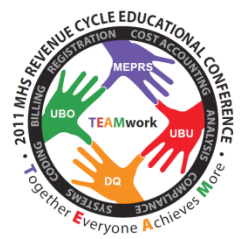
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



# Review

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- ICD-10-Procedure Classification System
- Replace volume 3 of ICD-9-CM
- Not used in any other country
- Used for inpatient procedures, and other facilities (not to replace CPT)
- 7 characters
- Must always use tabular index as sometimes the alphabetic only has the first 3 characters

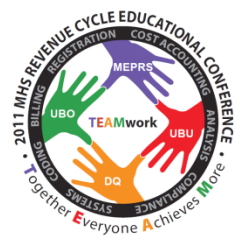


# Q&A

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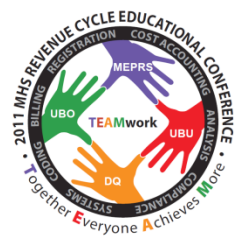
- Questions?
- Where can you find a free electronic copy of the ICD-10-PCS tabular?





# Where Would You Find Stem Cell Therapy?

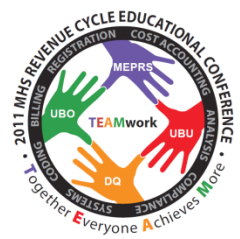
Section	3	Administration	
Body System	0	Circulatory	
Operation	2	Transfusion: Putting in blood or blood products	
Body System / Region	Approach	Substance	Qualifier
3 Peripheral Vein 4 Central Vein	0 Open 3 Percutaneous	A Stem Cells, Embryonic	Z No Qualifier
3 Peripheral Vein 4 Central Vein	0 Open 3 Percutaneous	G Bone Marrow H Whole Blood J Serum Albumin K Frozen Plasma L Fresh Plasma M Plasma Cryoprecipitate N Red Blood Cells P Frozen Red Cells Q White Cells R Platelets S Globulin T Fibrinogen V Antihemophilic Factors W Factor IX X Stem Cells, Cord Blood Y Stem Cells, Hematopoietic	0 Autologous 1 Nonautologous



# Where Can You Find a Free Electronic Copy of the ICD-10-PCS Tabular?

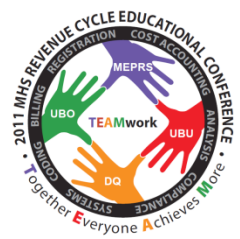
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- [http://www.cms.hhs.gov/ICD10/01k\\_2010\\_ICD10PCS.asp#TopOfPage](http://www.cms.hhs.gov/ICD10/01k_2010_ICD10PCS.asp#TopOfPage)



# Nutritional Therapy 3E0x

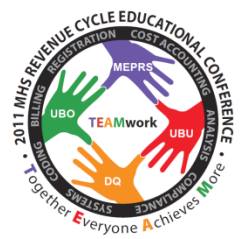
<b>Section</b>	<b>3</b>	<b>Administration</b>	
<b>Body System</b>	<b>E</b>	<b>Physiological Systems and Anatomical Regions</b>	
<b>Operation</b>	<b>0</b>	<b>Introduction: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic substance except blood or blood products</b>	
<b>Body System / Region</b>	<b>Approach</b>	<b>Substance</b>	<b>Qualifier</b>
<b>2</b> Muscle	<b>3</b> Percutaneous	<b>3</b> Anti-inflammatory <b>4</b> Serum, Toxoid and Vaccine <b>6</b> Nutritional Substance <b>7</b> Electrolytic and Water Balance Substance <b>B</b> Local Anesthetic <b>H</b> Radioactive Substance <b>J</b> Contrast Agent <b>K</b> Other Diagnostic Substance <b>N</b> Analgesics, Hypnotics, Sedatives <b>T</b> Destructive Agent	<b>Z</b> No Qualifier
<b>2</b> Muscle	<b>3</b> Percutaneous	<b>G</b> Other Therapeutic Substance	<b>C</b> Other Substance
<b>3</b> Peripheral Vein	<b>0</b> Open <b>3</b> Percutaneous	<b>0</b> Antineoplastic	<b>2</b> High-dose Interleukin-2 <b>3</b> Low-dose Interleukin-2 <b>5</b> Other Antineoplastic <b>M</b> Monoclonal Antibody <b>P</b> Clofarabine
<b>3</b> Peripheral Vein	<b>0</b> Open <b>3</b> Percutaneous	<b>1</b> Thrombolytic	<b>6</b> Recombinant Human-activated Protein C <b>7</b> Other Thrombolytic
<b>3</b> Peripheral Vein	<b>0</b> Open <b>3</b> Percutaneous	<b>2</b> Anti-infective	<b>8</b> Oxazolidinones <b>9</b> Other Anti-infective
<b>3</b> Peripheral Vein	<b>0</b> Open <b>3</b> Percutaneous	<b>3</b> Anti-inflammatory <b>4</b> Serum, Toxoid and Vaccine <b>6</b> Nutritional Substance <b>7</b> Electrolytic and Water Balance Substance <b>F</b> Intracirculatory Anesthetic <b>H</b> Radioactive Substance <b>J</b> Contrast Agent <b>K</b> Other Diagnostic Substance <b>N</b> Analgesics, Hypnotics, Sedatives <b>P</b> Platelet Inhibitor <b>R</b> Antiarrhythmic <b>T</b> Destructive Agent <b>X</b> Vasopressor	<b>Z</b> No Qualifier
<b>3</b> Peripheral Vein	<b>0</b> Open <b>3</b> Percutaneous	<b>G</b> Other Therapeutic Substance	<b>C</b> Other Substance <b>N</b> Blood Brain Barrier Disruption
<b>3</b> Peripheral Vein	<b>0</b> Open <b>3</b> Percutaneous	<b>U</b> Pancreatic Islet Cells	<b>0</b> Autologous <b>1</b> Nonautologous



# What ICD-9-CM Procedures Have No PCS?

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- 8471-8473
- 89012/3/4/5/6/7/8/9 Interview, evaluation, consultation and exam
- 898 Autopsy
- 90 and 91 – Microscopic exams
- 9337
- 9382
- 9412-9419
- 9436
- 9443
- 9451-9459
- 9531-9533
- 9536



# No Mapping to ICD-10-PCS

- 0016 Pressurized tx of venous bypass graft with pharmaceutical substance
- 0040-0048 Procedure on various numbers of vessels
- 0055 – Insertion of drug-eluting peripheral vessel stent(s)
- 0063-0065 Percutaneous insertion of carotid artery stent(s)
- 0074-0077 Hip bearing surface, metal-on-x
- 0091-0093 – Transplant from x
- 2061-2062 – fenestration of inner ear
- 3606-3607 – Insertion of non-drug/drug-eluting coronary artery stent(s)
- 3851-3852
- 3855-3857
- 3990
- 5133
- 5597-5598
- 7094-7095
- 8162-8164
- 8451